

NON-LOCAL AGGREGATION OF SYSTEM MANAGEMENT DATA

## ABSTRACT OF THE DISCLOSURE

5           Rather than aggregating management information locally  
on the server system which is described by the information,  
cluster system management information is received separately  
from lightweight probes at each of four levels on every  
server system within a cluster: application server,  
10   operating system, network, and hardware. The information  
received is aggregated first on each of the levels  
identified, with the aggregate levels of information being  
combined to create a single management image for the  
cluster. System management commands are generated and  
15   distributed in reverse fashion, divided at each of the four  
levels and then subdivided by individual system. An XML  
data stream containing the system image is created and  
transmitted to adapters for existing management systems,  
allowing such existing management systems to be employed in  
20   controlling cluster operation.